



Viewpoint 03 - Reserve off Senic Highway near Balsam Memorial Hall Looking East Northeast - *Existing View*

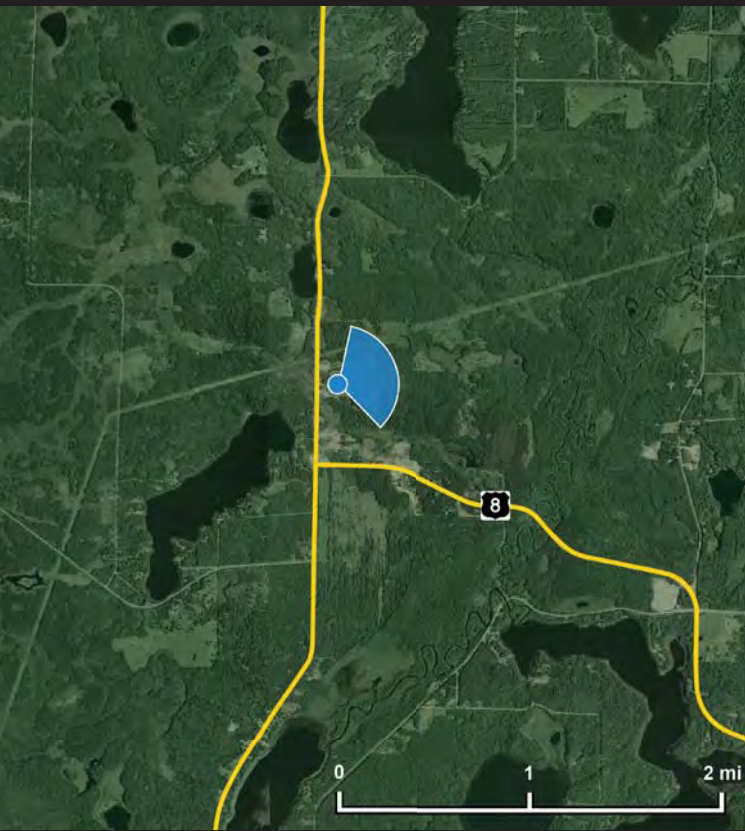
For on-screen display:
Scale bar to be 4 inches (101.6 mm) wide
Viewing distance 19.7 inches (50 cm)



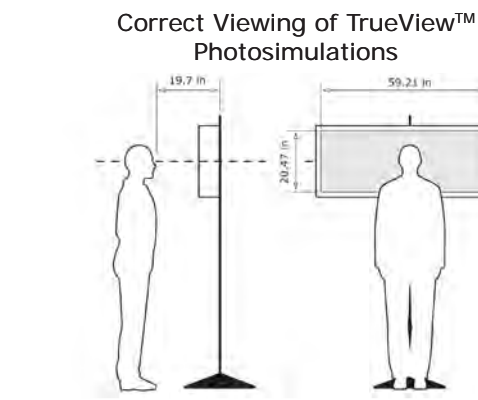
BARR Engineering
Great Northern Transmission Line

Viewpoint 03
Reserve off Senic Highway
near Balsam Memorial Hall
Looking East Northeast

Viewpoint Location Major Road



Easting Position: 1550773.1
Northing Position: 17251767.0
Elevation of Viewpoint Position (ft): 1343.3
Height of Camera Above Ground (ft): 5.4
Date of Photography: 25-October-2014 at 10:07 am
Orientation of View: ENE
Horizontal Field of View: 124°
Vertical Field of View: 55°



NOTES:
Viewpoint locations have been surveyed by
Paul Tokarczyk, PE/PLS
Barr Engineering
3128 14th Avenue East
Hibbing, MN 55746
PROJECTION/ZONE/DATUM:
UTM, Zone 15-NH, NAD83
Heights are above mean sea level.
No part of this photosimulation shall be altered in any way.

Photosimulation Created Using
TrueView™ Technology
(Patent No.: US 8,184,906 B2)
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Viewpoint 03 - Reserve off Senic Highway near Balsam Memorial Hall Looking East Northeast - *Proposed View*

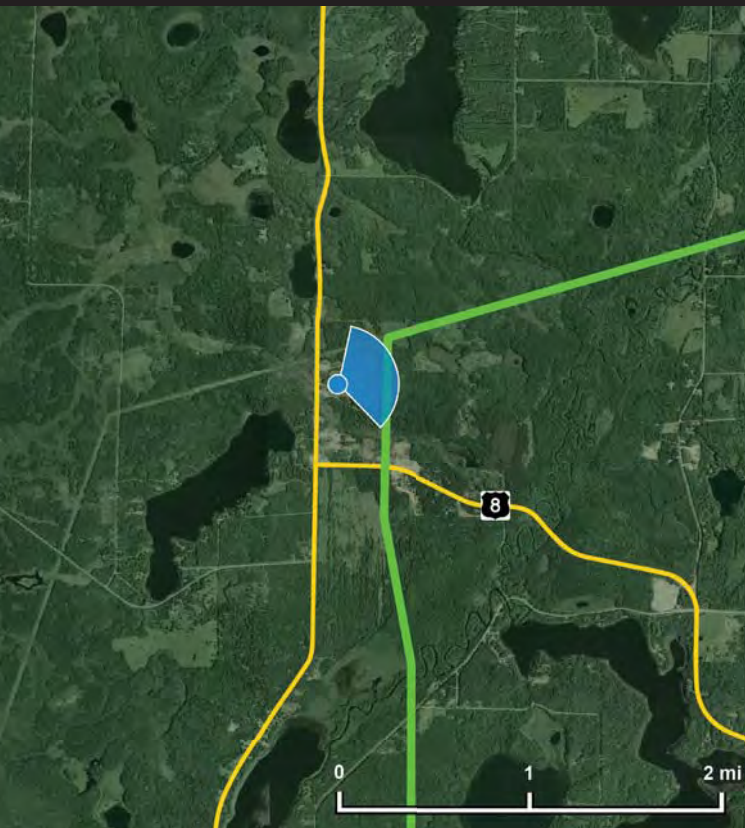
For on-screen display:
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Viewing distance 19.7 inches (50 cm)



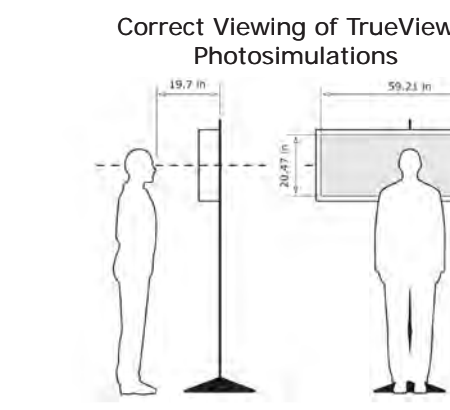
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Looking East Northeast

Viewpoint Location
Transmission Line
Major Road



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Orientation of View: ENE
Horizontal Field of View: 124°
Vertical Field of View: 55°



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Viewpoint 03 - Reserve off Senic Highway near Balsam Memorial Hall Looking East Northeast - *Proposed View with Color Overlay to highlight transmission line behind existing vegetation*

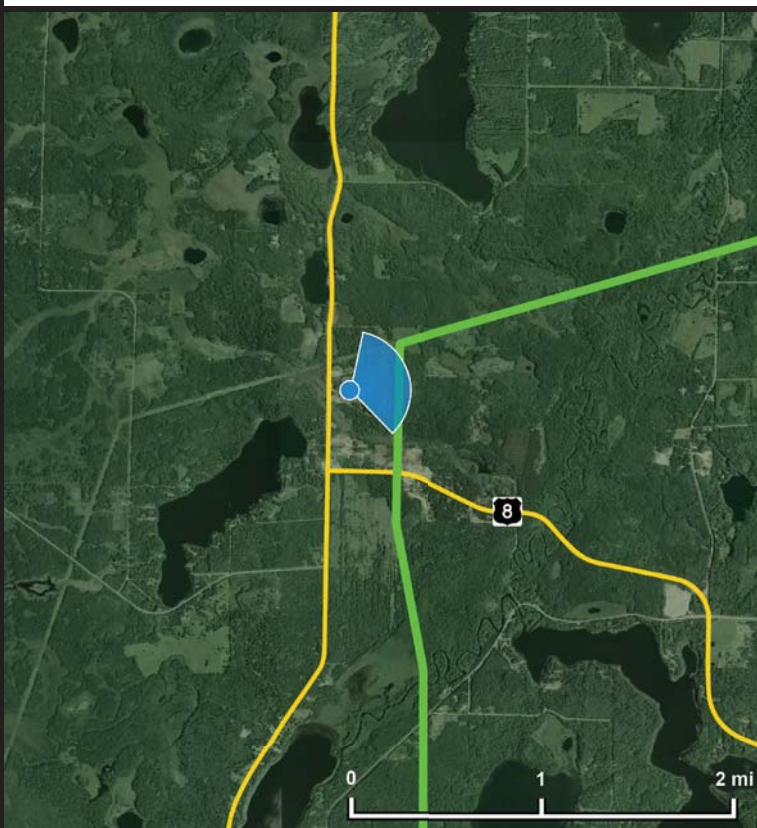
For on-screen display:
Scale bar to be 4 inches (101.6 mm) wide
Viewing distance 19.7 inches (50 cm)



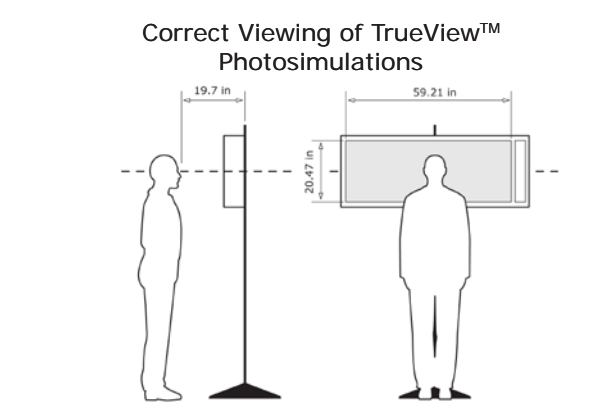
BARR Engineering
Great Northern Transmission Line

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Reserve off Senic Highway
near Balsam Memorial Hall
Looking East Northeast

Viewpoint Location
Transmission Line
Major Road



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Northing Position: 17251767.0
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Height of Camera Above Ground (ft): 5.4
Date of Photography: 25-October-2014 at 10:07 am
Orientation of View: ENE
Horizontal Field of View: 124°
Vertical Field of View: 55°



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Viewpoint 04a - Highway 11 near Substation Looking Southeast - *Existing View*

For on-screen display:
Scale bar to be 4 inches (101.6 mm) wide
Viewing distance 19.7 inches (50 cm)

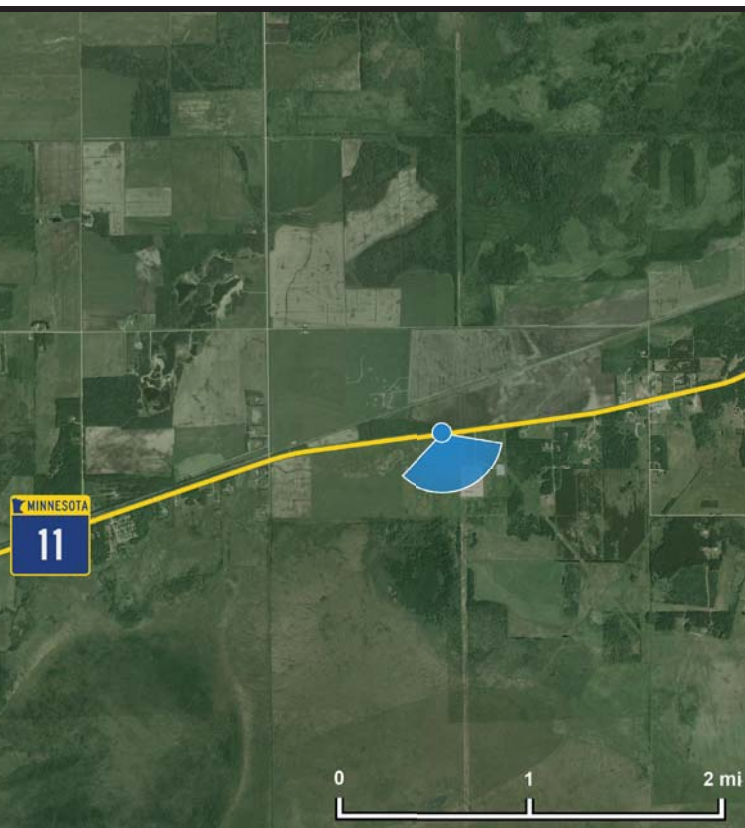


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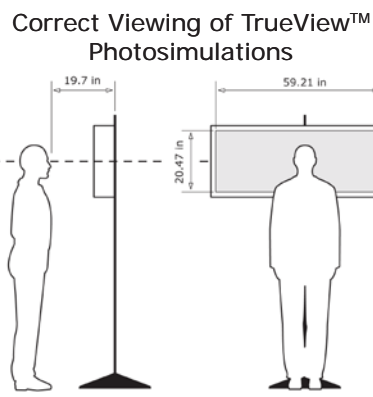
Viewpoint 04a

Highway 11 near Substation
Looking Southeast

Viewpoint Location Major Road



Easting Position: 1053337.2
Northing Position: 17776926.1
Elevation of Viewpoint Position (ft): 1091.5
Height of Camera Above Ground (ft): 5.4
Date of Photography: 25-October-2014 at 10:34 am
Orientation of View: SE
Horizontal Field of View: 124°
Vertical Field of View: 55°



NOTES:
Viewpoint locations have been surveyed by
Paul Tokarczyk, PE/PLS
Barr Engineering
3128 14th Avenue East
Hibbing, MN 55746
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Viewpoint 04a - Highway 11 near Substation Looking Southeast - *Proposed View*

For on-screen display:
Scale bar to be 4 inches (101.6 mm) wide
Viewing distance 19.7 inches (50 cm)



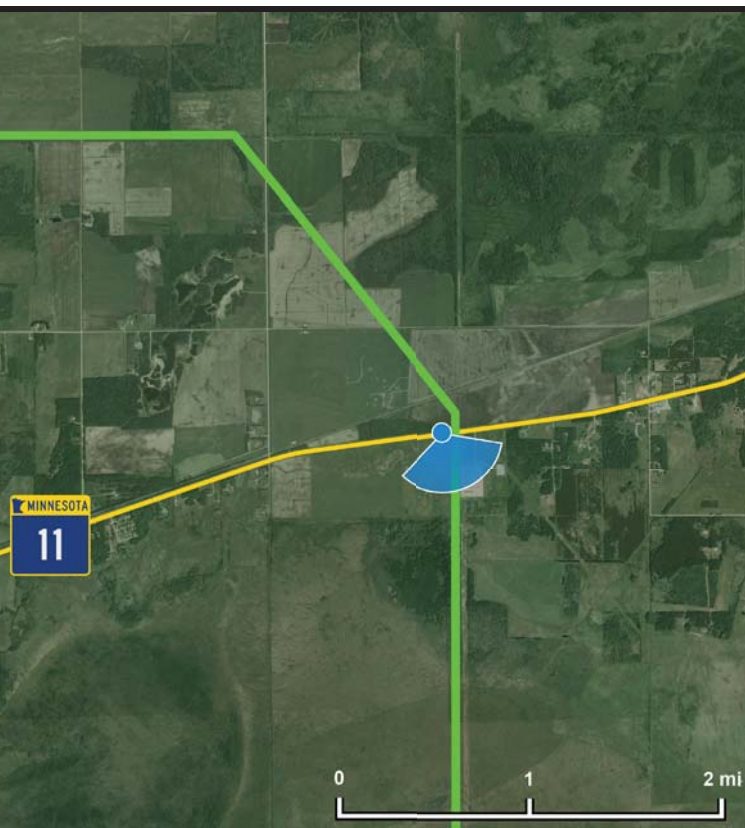
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Great Northern Transmission Line

Viewpoint 04a

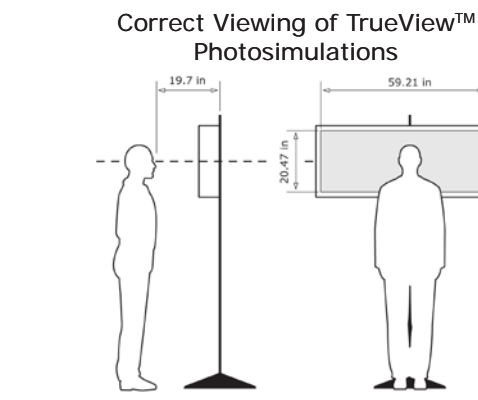
Highway 11 near Substation
Looking Southeast

Viewpoint Location
Transmission Line

Major Road



Easting Position: 1053337.2
Northing Position: 17776926.1
Elevation of Viewpoint Position (ft): 1091.5
Height of Camera Above Ground (ft): 5.4
Date of Photography: 25-October-2014 at 10:34 am
Orientation of View: SE
Horizontal Field of View: 124°
Vertical Field of View: 55°



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Viewpoint 04b - Highway 11 near Substation Looking West Southwest - *Existing View*

For on-screen display:
Scale bar to be 4 inches (101.6 mm) wide
Viewing distance 19.7 inches (50 cm)

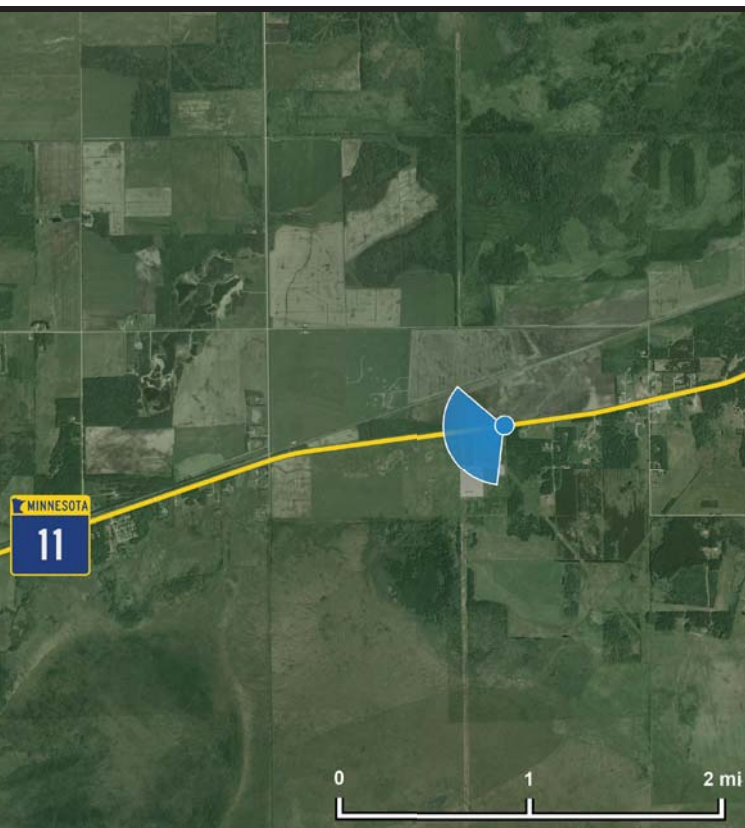


BARR Engineering
Great Northern Transmission Line

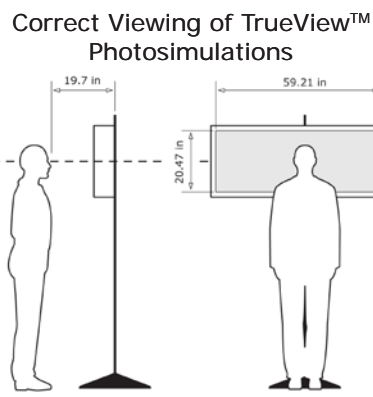
Viewpoint 04b

Highway 11 near Substation
Looking West Southwest

Viewpoint Location Major Road



Easting Position: 1054837.1
Northing Position: 17777082.4
Elevation of Viewpoint Position (ft): 1092.9
Height of Camera Above Ground (ft): 5.4
Date of Photography: 25-October-2014 at 10:48 am
Orientation of View: WSW
Horizontal Field of View: 124°
Vertical Field of View: 55°



NOTES:
Viewpoint locations have been surveyed by
Paul Tokarczyk, PE/PLS
Barr Engineering
3128 14th Avenue East
Hibbing, MN 55746
PROJECTION/ZONE/DATUM:
UTM, Zone 15 N, NAD83
Heights are above mean sea level.
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Viewpoint 04b - Highway 11 near Substation Looking West Southwest - *Proposed View*

For on-screen display:
Scale bar to be 4 inches (101.6 mm) wide
Viewing distance 19.7 inches (50 cm)

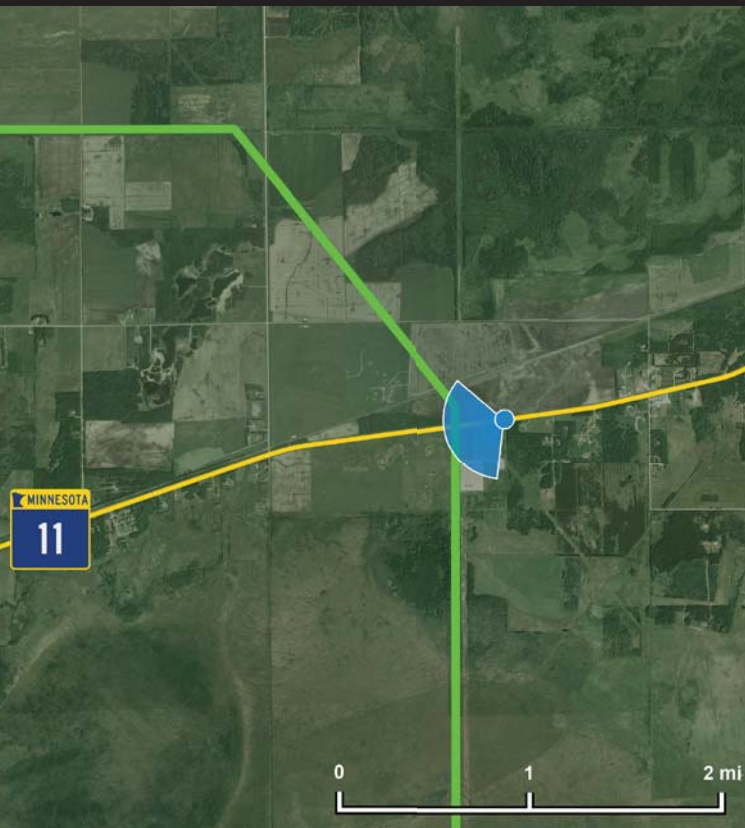


BARR Engineering
Great Northern Transmission Line

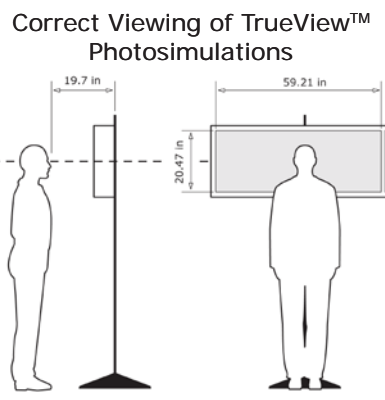
Viewpoint 04b

Highway 11 near Substation
Looking West Southwest

- Viewpoint Location
- Major Road
- Transmission Line



Easting Position: 1054837.1
Northing Position: 17777082.4
Elevation of Viewpoint Position (ft): 1092.9
Height of Camera Above Ground (ft): 5.4
Date of Photography: 25-October-2014 at 10:48 am
Orientation of View: WSW
Horizontal Field of View: 124°
Vertical Field of View: 55°



NOTES:
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Viewpoint 05 - Highway 38, South of Effie Looking East - *Existing View*

For on-screen display:
Scale bar to be 4 inches (101.6 mm) wide
Viewing distance 19.7 inches (50 cm)

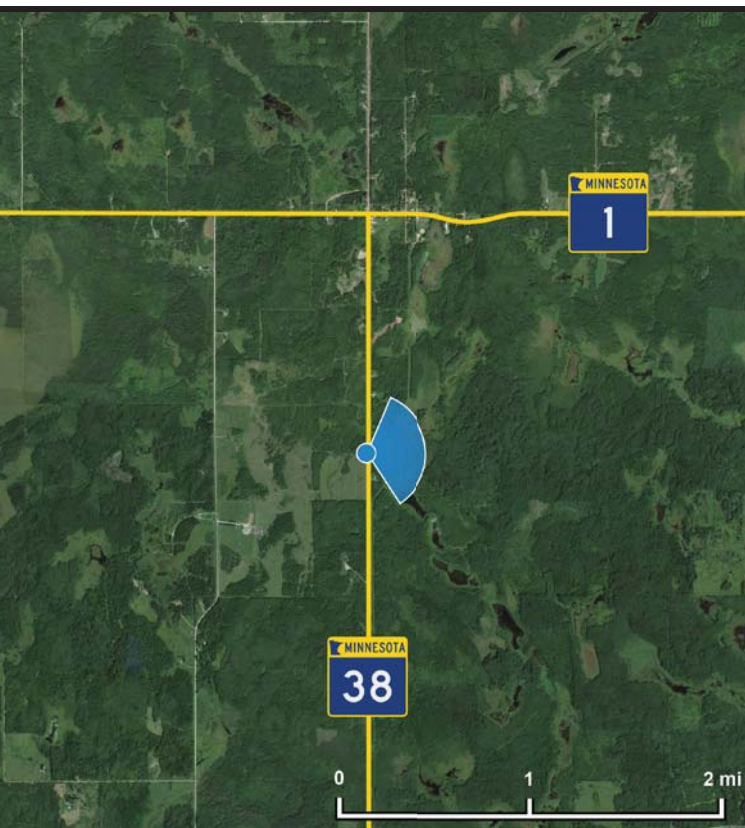


BARR Engineering
Great Northern Transmission Line

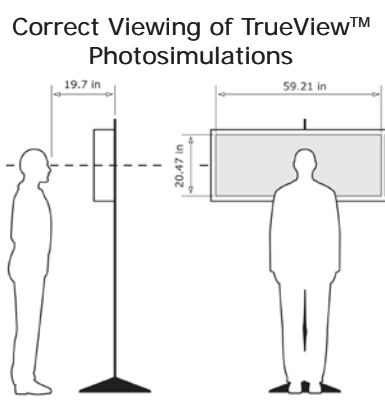
Viewpoint 05

Highway 38, South of Effie
Looking East

Viewpoint Location Major Road



Easting Position: 1482492.9
Northing Position: 17377658.6
Elevation of Viewpoint Position (ft): 1387.7
Height of Camera Above Ground (ft): 5.4
Date of Photography: 25-October-2014 at 11:44 am
Orientation of View: E
Horizontal Field of View: 124°
Vertical Field of View: 55°



NOTES:
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Paul Tokarczyk, PE/PLS
Barr Engineering
3128 14th Avenue East
Hibbing, MN 55746
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Viewpoint 05 - Highway 38, South of Effie Looking East - *Proposed View*

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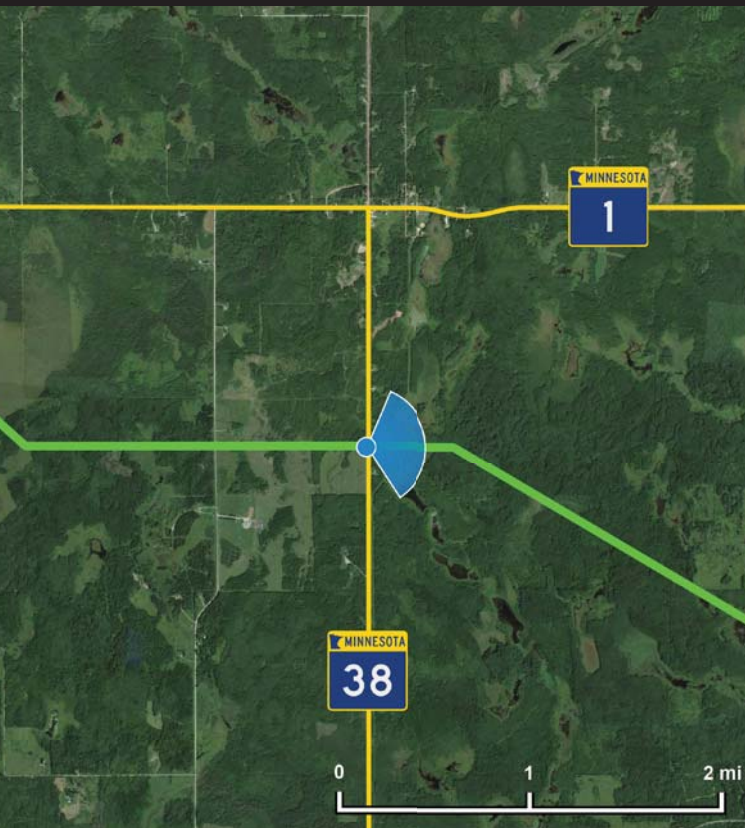


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Great Northern Transmission Line

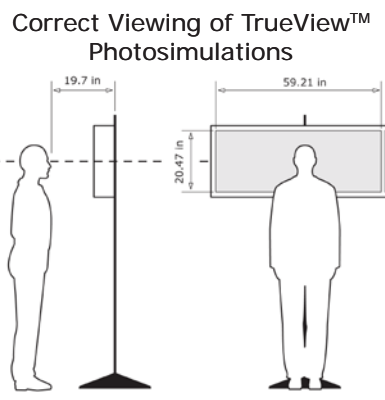
Viewpoint 05

Highway 38, South of Effie
Looking East

Viewpoint Location
Transmission Line
Major Road



Easting Position: 1482492.9
Northing Position: 17377658.6
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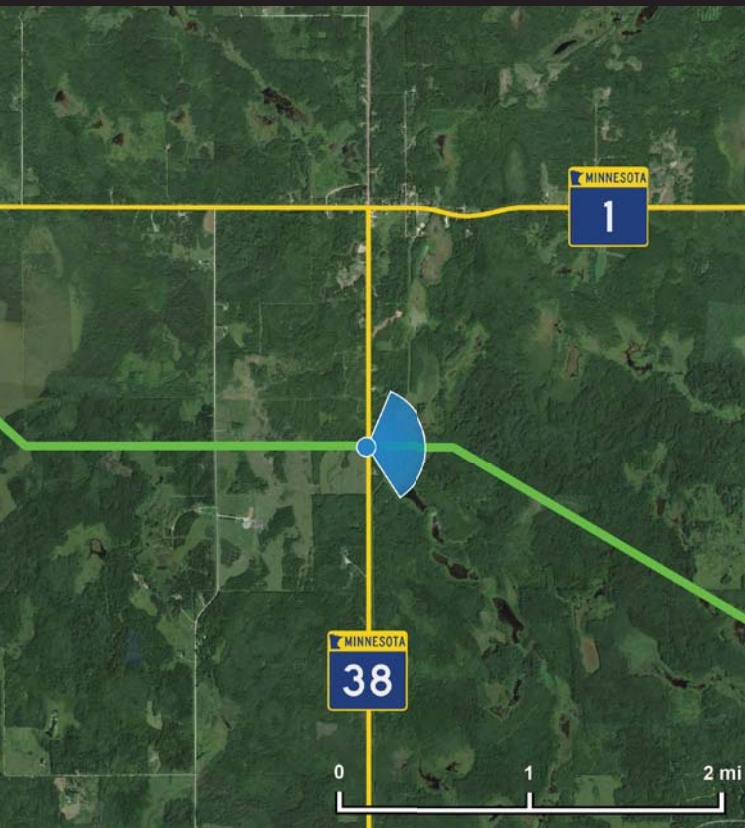
BARR Engineering
Great Northern Transmission Line

Viewpoint 05

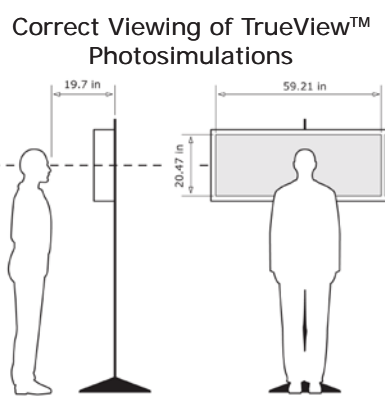
Highway 38, South of Effie
Looking East

Viewpoint Location
Transmission Line

Major Road



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